

INTERNATIONAL SEARCH REPORT

Application No

PCT/GB2004/005390

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D207/06 C07D211/22 C07D211/46 C07D207/12 C07D207/08
 C07D211/18 C07D211/38 C07D207/10 C07D207/46 C07D211/94
 A61K31/445 A61P35/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>COLLIER D A ET AL: "SYNTHESIS, MOLECULAR MODELING, DNA BINDING, AND ANTITUMOR PROPERTIES OF SOME SUBSTITUTED AMIDOANTHRAQUINONES"</p> <p>JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY, WASHINGTON, US, vol. 31, no. 4, 1988, pages 847-857, XP002063827</p> <p>ISSN: 0022-2623</p> <p>Compounds 4,5,8,9</p> <p>page 850, right hand column - page 851</p> <p>left hand column: "The two compounds ...with compound 8 showing the highest values"</p> <p>table 10</p> <p style="text-align: center;">----- -/-</p>	1-29

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

30 March 2005

Date of mailing of the international search report

11/04/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	AGBANDJE M ET AL: "ANTHRACENE-9,10-DIONES AS POTENTIAL ANTICANCER AGENTS. SYNTHESIS, DNA-DINDING, AND BIOLOGICAL STUDIES ON A SERIES OF 2,6DISUBSTITUTED DERIVATIVES" JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY. WASHINGTON, US, vol. 35, no. 8, 1992, pages 1418-1429, XP002063825 ISSN: 0022-2623 compounds 13-16 page 1420, left hand column: "There is a clear correlation ... lowest IC50 of the group" -----	1-29
X	WO 91/05824 A (NAT RES DEV) 2 May 1991 (1991-05-02) cited in the application the whole document -----	1-29
A	AUGUSTYNS K J L ET AL: "Pyrrolidides:synthesis and structure-activity relationship as inhibitors of DIPEPTIDYL PEPTIDASE IV" EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, EDITIONS SCIENTIFIQUE ELSEVIER, PARIS, FR, vol. 32, 1997, pages 301-309, XP002258186 ISSN: 0223-5234 compound 19b -----	30, 36

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9105824	A	02-05-1991	
		AT 101181 T	15-02-1994
		AU 634125 B2	11-02-1993
		AU 6539590 A	16-05-1991
		CA 2038934 A1	14-04-1991
		DE 69006482 D1	17-03-1994
		DE 69006482 T2	11-05-1994
		DK 450021 T3	07-03-1994
		EP 0450021 A1	09-10-1991
		ES 2062558 T3	16-12-1994
		WO 9105824 A1	02-05-1991
		GB 2237283 A ,B	01-05-1991
		JP 2854971 B2	10-02-1999
		JP 4502166 T	16-04-1992
		NZ 235658 A	23-12-1992
		PT 95584 A ,B	13-09-1991
		US 5132327 A	21-07-1992
		ZA 9008178 A	24-06-1992
